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# External 16x DVD-Dual Drive

## Features

**SOHW-1673SX**

- ★ **External DVD-Dual drive, supports DVD+R / DVD+R9 / DVD+RW / DVD-R / DVD-RW / DVD-ROM / CD-R / CD-RW / CD-ROM format**
- ★ **Supported Double Layer Function**
- ★ **Portable design, using USB2.0 connection to ensure the best performance**
- ★ **Plug & Play, and emergency manual eject function is embeded**
- ★ **SMART-BURN(*1) avoiding Buffer Under Run error, Automatically adjusting writing strategy & running OPC to provide the best burning quality**
- ★ **SMART-X(*2) function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality**
- ★ **VAS(*3) system reduce vibration and noise during recording and reading**
- ★ **Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Raw Mode Burning, and Over-Burn**
- ★ **DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(3.9GB/4.7GB), DVD-R multi-borders, DVD+R, DVD+R multi-sessions, DVD-RW, and DVD+RW**
- ★ **CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW**
- ★ **Support both 8cm and 12cm disc of CD and DVD family**
- ★ **Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed**

## Specifications

◎ **DVD Family :**

| | |
|---|---|
| **Write** | |
| DVD+R | 16X(21600KB/sec) maximum by CAV |
| DVD-R | 16X(21600KB/sec) maximum by CAV |
| DVD+R9 | 4X(5400KB/sec) maximum by CLV |
| **ReWrite** | |
| DVD+RW | 8X(10800KB/sec) by Z-CLV |
| DVD-RW | 6X(8100KB/sec) by CLV |
| **Read** | 16X(21600KB/sec) maximum by CAV |
| **Access time** | 160ms |

◎ **CD Family :**

| | |
|---|---|
| **Write** | |
| CD-R | 48X(7200KB/sec) maximum by CAV |
| **ReWrite** | |
| CD-RW | 24X(3600KB/sec) maximum by Z-CLV in UltraSpeed disc |
| **Read** | 48X(7200KB/sec) maximum by CAV |
| **Access time** | 160ms |

***(Maximum transfer rate is limited by PC system or interface speed)***

◎ **Buffer Size :** 2MB

◎ **PC Required :** Pentium III 450MHz or faster CPU and 128MB or higher RAM are required
650MB HDD available capacity; and 9GB free space for creating a DVD image file

◎ **Compatibility :** MS-Windows 98 / ME / 2000 / XP

◎ **MTBF(Life) :** 70000 Hours

◎ **S/N Ration** >60dB

◎ **Environment :**

| | |
|---|---|
| Operating | 5℃ to 35℃; Relative Humidity: 15% to 80% |
| Non-Operating | -40℃ to 60℃; Relative Humidity: 15% to 95% |

◎ **Dimension :** 165(W) x 58(H) x 192(D) mm

◎ **Weight :** 1.3Kg

◎ **Power plug type :** US, EU, UK, and AUS

*1 **SMART-BURN : S**mart **M**onitoring & **A**dapting **R**ecording **T**echnology for **BURN**ing.
*2 **SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.
*3 **VAS : V**ibration **A**bsorber **S**ystem

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